

SIGNIFICANT COLLECTIONS OF LOUISIANA PLANTS,

V. RICHLAND PARISH

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a survey of the vascular plants of Richland Parish, La. was made from February 1977 to July 1978 (Dawson 1978; Thomas et. al. 1980). During this study specimens of 127 families, 443 genera and 918 species or subspecific taxa were collected, noted in literature or seen in Louisiana herbaria.

Only one species new to Louisiana was collected:

Heliotropium amplexicaule Vahl.

Beside railroad south of U.S. 80 and west of La. 17 in Delhi, Sec. 13, T17N, R9E. R. Dale Thomas and Scott Thomas, 59237, 2 July 1978. This native of Uruguay and Argentina is now widely adventive and escaped (Correll and Johnston 1970). No other plants of this borage are known from Louisiana. This population is large enough to survive and is spreading although it was partially destroyed recently by two different derailments.

Several other uncommon Louisiana plants were collected during this study including:

- Alternanthera caracasana H.B.K.
- Froelichia gracilis (Hook.) Moq.
- Chrysanthemum leucanthemum L.
- Armoracea aquatica (Eat.) Wieg.
- Triosteum angustifolium L.
- Arenaria lanuginosa (Michx.) Rohrb.
- Ceratophyllum echinatum Gray
- Evovulus sericeus Sw.
- Astragalus canadensis L.
- Vicia tetrasperma (L.) Moench.
- Anthoxanthum aristatum Boissier
- Hottonia inflata Ell.
- Crataegus brachyacantha Engelm. & Sarg.

Lycium carolinianum Walt. is scattered in coastal Louisiana and one population was found in Richland Parish along a rural road. Pontederia cordata L. was found in one large population near Rayville---this plant is rare in north Louisiana and very common in the southern part of the state.

## LITERATURE CITED

- Correll, D. S. and M. C. Johnston. 1970. Manual of the vascular plants of Texas. Texas Research Foundation, Renner. 1881 pp.
- Dawson, Nancy Adams. 1978. A preliminary survey of the vascular flora of Richland Parish, Louisiana. Unpublished Masters of Science Thesis, Northeast Louisiana University, Monroe. 84 pp.
- Thomas, R. D., P. B. P. Cox, N. A. Dawson, and R. C. Gough. 1980. A checklist of the vascular plants of Morehouse, Richland, and West Carroll parishes of northeast Louisiana. Contributions of the Herbarium of Northeast Louisiana University, Monroe. No. 1. 67 pp.